

Title (en)

COMPOSITION FOR COATING VISIBLE LIGHT ACTIVE PHOTOCATALYST AND FILTER FOR AIR PURIFICATION

Title (de)

ZUSAMMENSETZUNG ZUR BESCHICHTUNG EINES AKTIVEN PHOTOKATALYSATORS IM SICHTBAREN LICHT UND FILTER ZUR LUFTREINIGUNG

Title (fr)

COMPOSITION POUR REVÊTEMENT DE PHOTOCATALYSEUR ACTIF EN LUMIÈRE VISIBLE, ET FILTRE DE PURIFICATION D'AIR

Publication

**EP 3266838 A4 20180110 (EN)**

Application

**EP 16755842 A 20160223**

Priority

- KR 20150027402 A 20150226
- KR 2016001741 W 20160223

Abstract (en)

[origin: EP3266838A1] Disclosed is a visible light-activated photocatalytic coating composition comprising a visible light active photocatalytic material and an aqueous solvent.

IPC 8 full level

**B01J 35/00** (2024.01); **B01D 39/00** (2006.01); **B01D 53/88** (2006.01); **B01J 20/20** (2006.01); **B01J 21/06** (2006.01); **B01J 21/18** (2006.01); **B01J 23/06** (2006.01); **B01J 23/20** (2006.01); **B01J 23/24** (2006.01); **B01J 23/34** (2006.01); **B01J 23/38** (2006.01); **B01J 23/652** (2006.01); **B01J 23/72** (2006.01); **B01J 23/745** (2006.01); **B01J 23/75** (2006.01); **B01J 23/755** (2006.01); **B01J 37/02** (2006.01)

CPC (source: CN EP KR US)

**B01D 39/00** (2013.01 - EP US); **B01D 39/086** (2013.01 - KR); **B01D 46/82** (2022.01 - US); **B01D 53/02** (2013.01 - KR US); **B01D 53/86** (2013.01 - CN KR US); **B01D 53/885** (2013.01 - EP KR US); **B01J 21/063** (2013.01 - EP US); **B01J 21/18** (2013.01 - US); **B01J 23/6527** (2013.01 - CN EP US); **B01J 23/755** (2013.01 - US); **B01J 35/39** (2024.01 - CN EP KR US); **B01J 35/40** (2024.01 - EP US); **B01J 35/58** (2024.01 - EP US); **B01J 35/613** (2024.01 - EP US); **B01J 35/615** (2024.01 - EP US); **B01J 37/345** (2013.01 - EP KR US); **C09D 1/00** (2013.01 - CN); **C09D 5/00** (2013.01 - CN); **C09D 7/40** (2018.01 - EP US); **C09D 7/61** (2018.01 - KR); **C09D 7/67** (2018.01 - KR); **C09D 7/68** (2018.01 - KR); **C09D 7/70** (2018.01 - KR); **B01D 2253/102** (2013.01 - EP US); **B01D 2253/25** (2013.01 - EP KR US); **B01D 2255/10** (2013.01 - EP US); **B01D 2255/1021** (2013.01 - EP US); **B01D 2255/204** (2013.01 - EP US); **B01D 2255/207** (2013.01 - EP US); **B01D 2255/20776** (2013.01 - EP US); **B01D 2255/802** (2013.01 - EP US); **B01D 2257/7027** (2013.01 - EP US); **B01D 2257/708** (2013.01 - EP US); **B01D 2257/90** (2013.01 - CN EP US); **B01D 2257/91** (2013.01 - CN); **B01D 2258/06** (2013.01 - CN); **B01D 2259/40083** (2013.01 - US); **B01D 2259/802** (2013.01 - EP US); **B01D 2259/804** (2013.01 - EP US)

Citation (search report)

- [XII] US 2014187414 A1 20140703 - FUKUSHI DAISUKE [JP], et al
- [XI] JP 5512934 B2 20140604
- [A] DE 19950980 A1 20010118 - HAAS RAINER [DE], et al
- See also references of WO 2016137192A1

Cited by

**WO2023122693A1**

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3266838 A1 20180110**; **EP 3266838 A4 20180110**; CN 107278220 A 20171020; CN 107278220 B 20200110; JP 2018507775 A 20180322; JP 6577591 B2 20190918; KR 102101220 B1 20200417; KR 20160104823 A 20160906; US 10449519 B2 20191022; US 10898879 B2 20210126; US 2018236438 A1 20180823; US 2020001275 A1 20200102; WO 2016137192 A1 20160901

DOCDB simple family (application)

**EP 16755842 A 20160223**; CN 201680012415 A 20160223; JP 2017544884 A 20160223; KR 20150027402 A 20150226; KR 2016001741 W 20160223; US 201615553773 A 20160223; US 201916570038 A 20190913